

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-48. (Canceled)

49. (Currently Amended) A data communication system comprising:

a transmitting apparatus incorporating a contents data generating means for generating a contents data;

a plurality of receiving apparatuses;

a data transmitting apparatus which transmits data between said transmitting apparatus and said receiving apparatuses;

a data selecting and receiving means wherein at least one of said plural receiving apparatuses selects and receives data transmitted from said transmitting apparatus;

a received data processing means for processing data received by said data selecting and receiving means; and

a profile ID linking means which initially generates a profile ID corresponding to a profile related to said contents data and/or transmission and reception of said contents data and then causes said profile ID to be linked with said contents data;

wherein a receiving device incorporating a received profile ID data memory means for storing a profile ID data including a receivable profile ID is interchangeably incorporated in at least one of said receiving apparatuses; and said data selecting and receiving means selects and receives data based on said profile ID;

wherein said profile comprises such a data related to the contents of each contents data,
such a data related to said transmitting apparatus, and such a data related to said receiving
apparatuses; and

~~The data communication system according to claim 47,~~

wherein data related to said receiving apparatuses comprises the sexual classification of the user, age, birth date, full name, registered address, zip code, IP address, stationary telephone number, portable telephone number, mail address, kinds of available equipment for constituting a receiving apparatus, receptive capacity of the available receiving apparatus, reproducing capacity of the available receiving apparatus, operating system of the available receiving apparatus, names of the POP/SMTP servers, group ID of the receiving parties, group identifier, individual ID, and individual passwords.

50. (Canceled)

51. (Currently Amended) A data communication system comprising:

a transmitting apparatus incorporating a contents data generating means for generating a
contents data;

a plurality of receiving apparatuses;

a data transmitting apparatus which transmits data between said transmitting apparatus
and said receiving apparatuses;

a data selecting and receiving means wherein at least one of said plural receiving
apparatuses selects and receives data transmitted from said transmitting apparatus;

a received data processing means for processing data received by said data selecting and receiving means; and

a profile ID linking means which initially generates a profile ID corresponding to a profile related to said contents data and/or transmission and reception of said contents data and then causes said profile ID to be linked with said contents data;

wherein a receiving device incorporating a received profile ID data memory means for storing a profile ID data including a receivable profile ID is interchangeably incorporated in at least one of said receiving apparatuses; and said data selecting and receiving means selects and receives data based on said profile ID;

wherein said profile comprises such a data related to the contents of each contents data, such a data related to said transmitting apparatus, and such a data related to said receiving apparatuses;

wherein said profile includes such a data containing a tree-structure; and

~~The data communication system according to claim 50;~~

wherein said received data processing means provided for at least one of said receiving apparatuses further comprises a profile ID resetting means which, after causing said data selecting and receiving means to count the rounds of the reception of data received by itself, if the rounds of the reception of data received by said data selecting and receiving means are less than the predetermined rounds, resets said profile ID used for selecting data by said data selecting and receiving means to be back to such a profile ID corresponding to a profile having own layer one grade upper than a profile present in said tree structure corresponding to said profile ID.

52-54. (Canceled)

55. (Currently Amended) A data communication system comprising:
a transmitting apparatus incorporating a contents data generating means for generating a
contents data;
a plurality of receiving apparatuses;
a data transmitting apparatus which transmits data between said transmitting apparatus
and said receiving apparatuses;
a data selecting and receiving means wherein at least one of said plural receiving
apparatuses selects and receives data transmitted from said transmitting apparatus;
a received data processing means for processing data received by said data selecting and
receiving means; and
a profile ID linking means which initially generates a profile ID corresponding to a
profile related to said contents data and/or transmission and reception of said contents data and
then causes said profile ID to be linked with said contents data;
wherein a receiving device incorporating a received profile ID data memory means for
storing a profile ID data including a receivable profile ID is interchangeably incorporated in at
least one of said receiving apparatuses; and said data selecting and receiving means selects and
receives data based on said profile ID; and
~~The data communication system according to claim 1,~~
wherein at least one of said receiving apparatuses further comprises:
a contents data generating means which generates a contents data;

a profile generating means which generates such a profile related to said contents data generated by said contents data generating means and/or transmission and reception thereof;

a profile ID generating means which generates a profile ID corresponding to said profile of said contents data generated by said profile generating means;

a profile data memory means which stores such a profile data including said profile generated by said profile generating means and related to said contents data and/or transmission and reception of said contents data and also including said profile ID generated by said profile ID generating means and related to each of said corresponding profiles;

a profile selecting means which selects at least one profile and a profile ID corresponding thereto from said profile data stored in said profile data memory means;

a profile ID determining means which, based on a profile ID generated by said profile ID generating means and such a profile ID selected by said profile selecting means, determines a proper profile ID that should be linked with said contents data;

a profile ID writing means which writes said profile ID determined by said profile ID determining means into said corresponding contents data; and

a data transmitting means which transmits said contents data containing said profile ID written by said profile ID writing means via broadcasting form.

56-86. (Canceled)

87. A receiving apparatus used for a data communication system including

a data selecting and receiving means for selecting and receiving a broadcast contents data

and

a received data processing means for processing said data received by said data selecting and receiving means;

wherein said receiving apparatus comprises a receiving device provided with a received profile ID data memory means for storing such a profile ID data including a receivable profile ID;

said data selecting and receiving means is constituted as to select a proper contents data based on such a profile ID corresponding to a profile related to said contents data and/or transmission and reception of said contents data and being linked with said contents data;

wherein said data selecting and receiving means comprises: a profile ID identifying means which, based on said profile ID added to said contents data and in accordance with said received profile ID data stored in said received profile ID data memory means, identifies whether said contents data should be received or not; and a data receiving means which solely receives such a contents data identified by said profile ID identifying means to be receivable;

said ~~The receiving apparatus used for the data communication system according to claim 79,~~ further comprising:

a contents data generating means which generates a contents data;

a profile generating means which generates a profile related to said contents data generated by said contents data generating means and/or transmission and reception of said contents data;

a profile ID generating means which generates a profile ID corresponding to said profile related to said contents data generated by said profile generating means;

a profile data memory means which memorizes a profile data including such a profile related to said contents data generated by said contents data generating means and/or

transmission and reception of said contents data and such a profile ID generated by said profile ID generating means and related to each of said corresponding profiles;

a profile selecting means which selects at least one profile and a profile ID corresponding thereto from said profile data stored in said profile data memory means;

a profile ID determining means which determines a proper profile ID that should be linked with said contents data based on a profile ID generated by said profile ID generating means and/or such a profile ID selected by said profile generating means;

a profile ID linking means which causes said profile ID determined said profile ID determining means to be linked with said corresponding contents data; and

a data transmitting means which transmits said contents data linked with said profile ID via broadcasting form.

88-90. (Canceled)

91. (Currently Amended) A receiving apparatus used for a data communication system including

a data selecting and receiving means for selecting and receiving a broadcast contents data and

a received data processing means for processing said data received by said data selecting and receiving means;

wherein said receiving apparatus comprises a receiving device provided with a received profile ID data memory means for storing such a profile ID data including a receivable profile ID;

said data selecting and receiving means is constituted as to select a proper contents data based on such a profile ID corresponding to a profile related to said contents data and/or transmission and reception of said contents data and being linked with said contents data;

wherein said profile comprises such a data related to the contents of a contents data, such a data related to the transmitting apparatus, and such a data related to the receiving apparatuses;
and

~~The receiving apparatus used for the data communication system according to claim 89,~~
wherein said data related to said receiving apparatus includes the following: sexual classification of the receiving person, age, blood-type, birth data, name, registered address, zip code, IP address, stationary telephone number, portable telephone number, mail address, kinds of equipment for constituting the available receiving apparatus, receptive capacity of the available receiving apparatus, reproducing capacity of the available receiving apparatus, operating system of the available receiving apparatus, names of POP/SMTP servers, group ID of the receiving parties, group identifier, personal ID and passwords.

92. (Canceled)

93. (Currently Amended) A receiving apparatus used for a data communication system including
a data selecting and receiving means for selecting and receiving a broadcast contents data
and
a received data processing means for processing said data received by said data selecting and receiving means;

wherein said receiving apparatus comprises a receiving device provided with a received profile ID data memory means for storing such a profile ID data including a receivable profile ID;

said data selecting and receiving means is constituted as to select a proper contents data based on such a profile ID corresponding to a profile related to said contents data and/or transmission and reception of said contents data and being linked with said contents data;

wherein said profile comprises such a data related to the contents of a contents data, such a data related to the transmitting apparatus, and such a data related to the receiving apparatuses;

wherein said profile includes such a data containing tree-structure;

said ~~The receiving apparatus used for the data communication system according to claim 92,~~ further comprising:

a profile ID resetting means which, after causing said data selecting and receiving means to count the rounds of the reception of data received by said receiving means, if the rounds of the reception of data received by said receiving means are less than the predetermined rounds within a predetermined time T, resets said profile ID used for data selection by said data selecting and receiving means back to such a profile ID corresponding to such a profile having own layer upper than the profile present in said tree-structure corresponding to said profile ID.

94-108. (Canceled)